



IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

International Application No.	:	PCT/GB2004/002201
International Filing Date	:	May 21, 2004

Priority Date(s) Claimed : May 28, 2003

Applicant(s) (DO/EO/US) : David Baker et al.

Title: COMMUNICATIONS SYSTEMS AND METHODS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97 and 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This information disclosure statement is made in accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98 as follows:

Timing and Fees

\boxtimes			37 C.F.R. § 1.97(b), no fee or statement is required for filing this information are statement is filed:						
			three months of the filing date of a national application other than a CPA § 1.53(d);						
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		before RCE)	e the mailing of a first substantive office action (including after filing of an						
			.R. § 1.97(c), this information disclosure statement is filed after the periods 7 C.F.R. § 1.97(b), but before the mailing date of:						
			a final rejection under 37 C.F.R. 1.113;						
			termination of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2); OR						
			a notice of allowance under 37 C.F.R. § 1.311; and						

		is acco	ompanied by:
	•		the statement as specified in 37 C.F.R. § 1.97(e) set out below; OR
			a check covering the fee of \$180.00 under 37 C.F.R. § 1.17(p).
			R. § 1.97(d), this information disclosure statement is filed after the mailing lowing actions which have not been withdrawn:
			a final action under 37 C.F.R. § 1.113;
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	AND i	is filed	on or before payment of the issue fee; AND is accompanied by:
			the statement as specified in 37 C.F.R. § 1.97(e) as set forth below, and the fee of \$180.00 under 37 C.F.R. § 1.17(p).
Statem	nents Ur	nder 37	C.F.R. 1.97(e)
			Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application having a mailing date not more than three months prior to the filing date of this information disclosure statement; or
			No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned attorney after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of the information disclosure statement.
Cited 1	<u>Materia</u>	<u>ls</u>	
		ancest	s of materials listed but not attached were cited in benefit (35 U.S.C. § 120) or application Serial No, on Form 892 by the Examiner and/or Form by the applicant; see 37 C.F.R. § 1.98(d).
	\boxtimes		s of materials listed but not attached were cited in an international search dated <u>December 15, 2003</u> .
		Copies	s of the materials listed are attached (except for the foregoing).

Non-English	Language	References

	\boxtimes	An English-language search report or equivalent paper from a foreign patent office is provided indicating the relevance of the cited reference(s).					
		A foreign-language search report from a foreign patent office is provided, and pertinent parts are translated substantively below:					
		 X = document of particular relevance when it is taken alone Y = document of particular relevance when it is combined with another such document 					
		A = document defining the general state of the art					
		O = non-written disclosure P = intercalated document					
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Respectfully submitted,

Daniel E. Fisher, Reg. No. 34,162

Attorney for Applicants

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Attorney Docket No.: MARKSCAM-3

Date: December 6, 2004

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	U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No.1	U.S. Patent Document Kind Co		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY		
	1	2003058826		Shearer Daniel D M	March 27, 2003		
-	2	6505032			January 7, 2003		
	3	2004131025			July 8, 2004		
							

		Foreign Patent Document					Pages, Columns, Lines, Where	
Examiner Initials*	Cite No.¹	Office ³	Number⁴	Kind Code⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Relevant Passages or Relevant Figures Appear	Ţ ⁶
	4	wo	0193520		XTREMESPECTRUM INC.	December 6, 2001		
	5	wo	03003672		AGHVAMI ABDOL HAMID	January 9, 2003		
	6	wo	2004038958		WIDEFI INC.	May 6, 2004		
	7	wo	2004062305		WIDEFI INC.	July 22, 2004		
	8	wo	03023992		PULSE-LINK			
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Substitute	for form 1449A/P	го		Complete if Known		
			N COURT	Application Number	Unassigned	
			CLOSURE	Filing Date	December 6, 2004	
STATEMENT BY APPLICANT				First Named Inventor	David BAKER et al.	
				Group Art Unit	Unassigned	
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NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²			
	9	FONTANA R, 2002 IEEE CONFERENCE ON ULTRA WIDEBAND SYSTEMS AND TECHNOLOGIES, PG 129-133, "RECENT ADVANCES IN ULTRA WIDEBAND COMMUNICATIONS SYSTEMS".				
_	10	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS, VOL. 20, NO. 9, DEC. 2002, CUOMO F., "RADIO RESOURCE SHARING FOR AD HOC NETWORKING WITH UWB", PG 1722-1732.				
	11	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS, VOL. 20, NO. 9, DEC. 2002, BALDI P., "MODELING AND OPTIMIZATION OF UWB COMMUNICATION NETWORKS THROUGH A FLEXIBLE COST FUNCTION", PG 1733-1744.				
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